

UV LED LIGHT PROJECTION METHOD AND APPARATUS

ABSTRACT OF THE DISCLOSURE

A light emitting diode projection apparatus and method is provided for irradiating a subject with ultraviolet radiation, comprising a plurality of light emitting diodes 5 configured to emit ultraviolet radiation and arranged in a matrix, and a power modulation control unit in communication with the diodes. The power modulation control unit is configured to energize and cause the diodes to emit light and thereby irradiate the subject with ultraviolet radiation sufficient to cause material physical change in the subject. In one embodiment of the invention, the material physical change is skin tanning. The 10 amount, intensity, duration and type of UVR projected by the plurality of UV LED's may be varied by the power modulation control unit responsive to information input into the power modulation control unit.